



2147 Riverchase Office Road
Birmingham, AL 35244
P (205) 942-1289
Terracon.com

October 7, 2022

United States Environmental Protection Agency
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Attention: Mr. James H. Smith
Corrective Action Specialist

Re: **Quarterly Progress Report #40 July-September 2022**
Bluestone Coke, LLC
4200 F. L. Shuttlesworth Drive
Birmingham, Jefferson County, Alabama
USEPA ID No. ALD 000 828 848
Terracon Project No. E1127096

Dear Mr. Smith:

On behalf of Bluestone Coke, LLC (Bluestone Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #39 for the work completed from July 1, 2022 to September 30, 2022 for the above-referenced site. This progress report has been prepared in accordance with paragraph 53 of the Order on Consent with effective date of August 1, 2016.

PROGRESS REPORT (JULY 1, 2022 THROUGH SEPTEMBER 30, 2022)

Corrective Measures Implementation

SMA 3

- Bluestone received a letter from EPA Region 4 on September 22, 2022. This letter contained comments on the previously submitted CMS (Revision 1.0). In addition, the letter stated that EPA would be onsite on November 28, 2022 to collect surface soil samples in SMA 3.

SMA 4

- Bluestone has scheduled Injection event #2 for the pilot test. The dates for the injection event are October 17 through October 31, 2022.

Interim Measures

- Hydraulic Control System was shut down during this period due to the Pilot Test. The pumping may interfere with the injected chemicals. The hydraulic control system will remain off during the pilot study.
- Groundwater level measurements and groundwater samples were collected from the monitoring wells on August 29 through September 1, 2022. These results will be reported to EPA in the next Annual Report which is due by August 30, 2023.

PROJECTED WORK FOR NEXT REPORTING PERIOD (OCTOBER 1, 2022 THROUGH DECEMBER 31, 2022)

Corrective Measures Implementation

SMA 3

EPA will be collecting surface soil samples for SMA 3 starting the week of November 28, 2022.

SMA 4

The second ISCO injection is scheduled for October 17 through October 31, 2022.

Interim Measures/Remediating Monitoring

- Collect groundwater samples in November 2022. Annual Report completed by August 30, 2023.

CLOSING

If you should have any questions, please do not hesitate to contact us at (205) 942-1289.

Sincerely,

Terracon

Terrell W. Rippstein, AL-PG#8
Principal Geologist

Cc: David Egetter – EPA Region 4
Mr. Don Wiggins – Bluestone Coke
ADEM